

10/207167

AP20 Rec'd PCT/PTO 26 JUL 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Inventors: Takatoshi TANAKA, et al.

Application No.: New PCT National Stage Application

Filed: July 26, 2006

For: VARIABLE GAIN CIRCUIT

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner of Patents
Washington, DC 20231

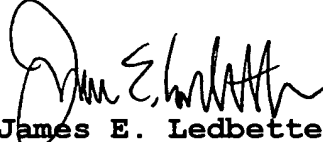
Sir:

Pursuant to Rules 56 and 99, Applicants hereby call the attention of the Patent Office to the references listed on the attached Form PTO 1449. All of these references were cited in a PCT International Search Report (copy attached). JP '888, JP '637 and JP '947 were cited in a Japanese Office Action dated May 2, 2006 (English translation attached). WO '956 corresponds to JP '888 and EP '249 corresponds to JP '947.

Applicants present this art so that the Patent Office may, in the first instance, determine any relevancy thereof to the presently claimed invention, see Beckman Instruments, Inc. v. Chemtronics, Inc., 439 F.2d 1369, 1380, 165 USPQ 355, 364 (5th Cir. 1970). Also see Patent Office Rules 104 and 106.

Applicants respectfully request that this art be expressly considered during the prosecution of this application and made of record herein and appear among the "References Cited" on any patent to issue herefrom.

Respectfully submitted,



James E. Ledbetter
Registration No. 28,732

Date: July 26, 2006

JEL/spp

ATTORNEY DOCKET NO. L8462.06115

STEVENS, DAVIS, MILLER & MOSHER, L.L.P.
1615 L Street, NW, Suite 850
P.O. Box 34387
Washington, DC 20043-4387
Telephone: (202) 785-0100
Facsimile: (202) 408-5200

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| FORM PTO-1449 U.S. Department of Commerce (Rev. 4/92) Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) | ATTY. DOCKET NO. L8462.06115 | SERIAL NO. 307587167 New PCT Nat'l Stage Application |
| | APPLICANT Takatoshi TANAKA, et al. | |
| | FILING DATE July 26, 2006 | GROUP Unassigned |

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | | | | | | | | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------|-----------------|--|--|--|--|--|--|--|------|------|-------|----------|-------------------------------|
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FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | | | | | | | | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|--|---|-----------------|---|---|---|---|---|---|---------|---------|---------|-------|----------|-------------|----|
| | | | | | | | | | | | | | | YES | NO |
| | | 2002 | 5 | 1 | 0 | 8 | 8 | 8 | 04/2002 | JP | | | | Abstract | |
| | | | 9 | 9 | 5 | 0 | 9 | 5 | 6 | 10/1999 | WO | | | | |
| | 0 | 9 | 3 | 2 | 1 | 6 | 3 | 7 | 12/1997 | JP | | | | X | |
| | | 2000 | 3 | 2 | 3 | 9 | 4 | 7 | 11/2000 | JP | | | | Abstract | |
| | | | 1 | 0 | 4 | 9 | 2 | 4 | 9 | 11/2000 | EP | | | | |
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| | OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) |
| | PCT International Search Report dated May 31, 2005. |
| | Japanese Office Action dated May 2, 2006 with English translation. |
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EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered.
Include copy of this form with next communication to applicant.